

### **SPECIFICATIONS**

Mechanical Contact Retention Force: 0.91Kgf Min.

#### Electrical

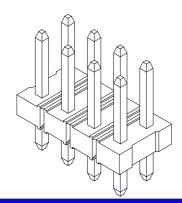
**Current Rating:** 3.0A per pin min. **Dielectric Withstanding Voltage:** 500V AC. **Insulation Resistance:** 1000MΩ min.

#### Physical

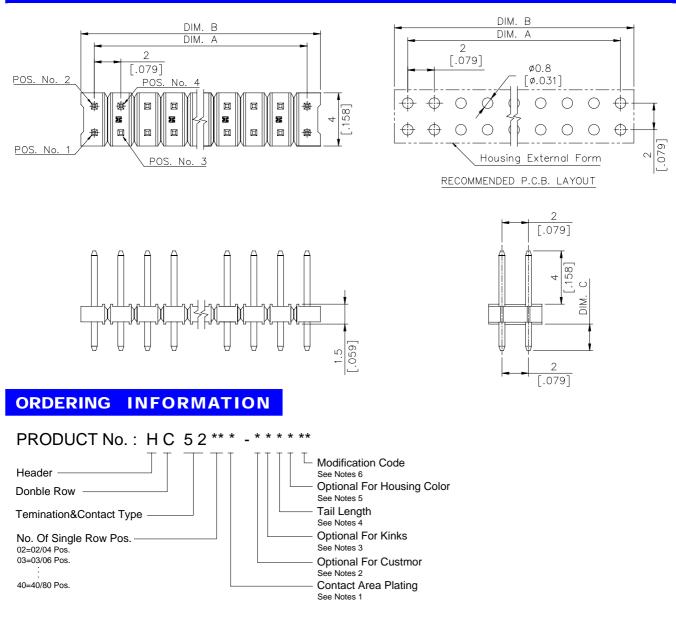
Housing: Nylon 6.6, UL 94V-0,Color See "NOTES" Contact: Copper alloy Plating: See "ORDERING INFORMATION" Operating Temperature: -40 to +105

# **Breakaway Header**

HC52 Series T/H Type 2.00mm [.079"] Pitch



# DRAWING





## **ORDERING INFORMATION**

PROD. NO.	CIRCUITS	DIM.A	DIM.B
HC5202*-*****	2/4	2.00 [.079]	3.85 [.152]
HC5203*-*****	3/6	4.00 [.158]	5.85 [.230]
HC5204*-*****	4/8	6.00 [.236]	7.85 [.309]
HC5205*-*****	5/10	8.00 [.315]	9.85 [.388]
HC5206*-*****	6/12	10.00 [.394]	11.85 [.467]
HC5207*-*****	7/14	12.00 [.473]	13.85 [.546]
HC5208*-*****	8/16	14.00 [.552]	15.85 [.624]
HC5209*-*****	9/18	16.00 [.630]	17.85 [.703]
HC5210*-*****	10/20	18.00 [.709]	19.85 [.782]
HC5211*-*****	11/22	20.00 [.788]	21.85 [.861]
HC5212*-*****	12/24	22.00 [.867]	23.85 [.940]
HC5213*-*****	13/26	24.00 [.946]	25.85 [1.018]
HC5214*-*****	14/28	26.00 [1.024]	27.85 [1.097]

CIRCUITS	DIM.A	DIM.B
15/30	28.00 [1.103]	29.85 [1.176]
16/32	30.00 [1.182]	31.85 [1.255]
17/34	32.00 [1.261]	33.85 [1.334]
18/36	34.00 [1.340]	35.85 [1.412]
19/38	36.00 [1.418]	37.85 [1.491]
20/40	38.00 [1.497]	39.85 [1.570]
21/42	40.00 [1.576]	41.85 [1.649]
22/44	42.00 [1.655]	43.85 [1.728]
23/46	44.00 [1.734]	45.85 [1.806]
24/48	46.00 [1.812]	47.85 [1.885]
25/50	48.00 [1.891]	49.85 [1.964]
26/52	50.00 [1.970]	51.85 [2.043]
27/54	52.00 [2.049]	53.85 [2.122]
	15/30 16/32 17/34 18/36 19/38 20/40 21/42 22/44 23/46 23/46 24/48 25/50	$\begin{array}{cccc} 15/30 & \begin{array}{c} 28.00 \\ [1.103] \\ 16/32 & \begin{array}{c} 30.00 \\ [1.182] \\ 17/34 & \begin{array}{c} 32.00 \\ [1.261] \\ 34.00 \\ [1.340] \\ 19/38 & \begin{array}{c} 36.00 \\ [1.340] \\ 19/38 & \begin{array}{c} 1.340 \\ [1.47] \\ 20/40 & \begin{array}{c} 1.340 \\ [1.497] \\ 21/42 & \begin{array}{c} 40.00 \\ [1.576] \\ 22/44 & \begin{array}{c} 42.00 \\ [1.655] \\ 23/46 & \begin{array}{c} 44.00 \\ [1.734] \\ 46.00 \\ [1.811] \\ 25/50 & \begin{array}{c} 1.881 \\ 1.881 \\ 25/50 & \begin{array}{c} 1.891 \\ 1.897 \\ 1.870 \\ 27.54 & \begin{array}{c} 52.00 \end{array} \end{array}$

PROD. NO.	CIRCUITS	DIM.A	DIM.B
HC5228*-*****	28/56	54.00 [2.128]	55.85 [2.200]
HC5229*-*****	29/58	56.00 [2.206]	57.85 [2.279]
HC5230*-*****	30/60	58.00 [2.285]	59.85 [2.358]
HC5231*-*****	31/62	60.00 [2.364]	61.85 [2.437]
HC5232*-*****	32/64	62.00 [2.443]	63.85 [2.516]
HC5233*-*****	33/66	64.00 [2.522]	65.85 [2.594]
HC5234*-*****	34/68	66.00 [2.600]	67.85 [2.673]
HC5235*-*****	35/70	68.00 [2.679]	69.85 [2.752]
HC5236*-*****	36/72	70.00 [2.758]	71.85 [2.831]
HC5237*-*****	37/74	72.00 [2.837]	73.85 [2.910]
HC5238*-*****	38/76	74.00 [2.916]	75.85 [2.988]
HC5239*-*****	39/78	76.00 [2.994]	77.85 [3.067]
HC5240*-*****	40/80	78.00 [3.073]	79.85 [3.146]

#### **NOTES**

#### 1. Contact Area Plating

- 0: 100u" MIN. Tin Plating Over All
- 1: Gold Flah Over All
- 7: 15u" MIN. Gold Plating On Contact Area. 100u" MIN. Tin Plating On Tail.
- 3: 30u" MIN. Gold Plating On Contact Area. 100u" MIN. Tin Plating On Tail.
- G: Gold Flash On Contact Area. 100u" MIN. Tin Plating On Tail.
- U: Gold Flash On Contact Area. 100u" MIN. Tin Plating On Tail. With RoHS Compliance
- E: 100u" MIN. Tin Plating Over All. With RoHS Compliance
- H: 30u" MIN. Gold Plating On Contact Area. 100u" MIN. Tin Plating On Tail. With RoHS Compliance
- V: 15u" MIN. Gold Plating On Contact Area. 100u" MIN. Tin Plating On Tail. With RoHS Compliance
- F: Gold Flash Over All With RoHS Compliance For Loose Pin. Or Gold Flash On Contact Area 100u" MIN. Tin Plating On Tail. With RoHS Compliance For Bandolier Pin.
- 2. Optional For Custmor C: For Clone Market
- None: For Others
- 3. Optional For Kinks
  - A) POS. 1/2, 3/6, 5/10 K= The MID. Pair Of Terminals ls Kinked
  - B) POS. 2/4, 4/8, 6/12 K= The Perceding Pair Of Terminals In MID. Is Kinked
  - C) POS. 7/14~40/80
    - K= The 2nd Pair From The Top And The 2nd Pair From The End Two Pairs Of Terminals Are Kinked
  - D) For Removed Pin(s), Kink Position(s) Should Be Changed To The Next Pair
- 4. Tail Lenath
  - None: Standard Product Tail Length DIM.C=2.15mm L: Tail Length DIM.C=3.10mm M: Tail Length DIM.C=3.65mm Octor=1.55mt
- 5. Optional For Housing Color None: Standard Product, Color Black
- U: Blue Color (Pantone 661C) White Color Yellow Color (Pantone 123C) W: Y:
- R: Red Color (Pantone 032C)
- J: Warm Red Color (Pantone 1665C) G: Green Color (Pantone 347C)

6. Modification Code

	DESCRIPTION
CODE K0 K1	DESCRIPTION SAME AS REMARK & PER EDGE WITH KINK. SAME AS REMARK &
K1	PER EDGE WITH KINK.
K <u>3</u>	SAME AS REMARK A
K7	SAME AS REMARK A PER 7th PIN WITH KINK.
DO	1at RIN OMITTED
DU D1	And & FINAL 2nd PINS OMITTED. 20th POSITION OMITTED. 20th POSITION OMITTED. 21st POSITION OMITTED. 3th POSITION OMITTED. 25th POSITION OMITTED. 25th POSITION OMITTED. 5th POSITION OMITTED.
D1 D2 D3 D4	20th POSITION OMITTED
D.3	21st POSITION OMITTED
D4	8th POSITION OMITTED
D5	3rd POSITION OMITTED.
D6	25th POSITION OMITTED.
D7 D8 D9	25th. POSITION OMITTED. 5th, 6th & 16th POSITION OMITTED. 3rd & 8th POSITION OMITTED. 3rd, 4th & 14th POSITION OMITTED.
D8	3rd & 8th POSITION OMITTED.
D9	3rd, 4th & 14th POSITION OMITTED.
P0	4th POSITION OMITTED.
P1 P2 P3	th POSITION OMITTED. 9th & 10th POSITION OMITTED. 2nd POSITION OMITTED. 5th POSITION OMITTED. 10th POSITION OMITTED.
P2	9th & 10th POSITION OMITTED.
P3 P4	2nd POSITION OMITTED.
<u>P4</u>	5th POSITION OMITTED.
<u>P5</u>	10th POSITION OMITTED.
P4 P5 P6 P7	20th DOSITION OMITTED
	ZUT FUSHION UMITTED.
P8 P9	9th POSITION OMITTED
	ots title Position on the position of the position on the position of the position
T1	1st & END PINS WITH KINK, 2nd POSTION OMITTED.
T2 T3	1st & END PINS WITH KINK, 2nd POSTION OMITTED. ALL PINS WITH KINK, 3rd & 4th POSITION OMITTED ALL PINS WITH KINK, 5th & 6th POSITION OMITTED
T4	ALL PINS WITH KINK, 5th & 6th POSITION OMITTED
+++	St. & END PINS WITH KINK, 2nd POSTION OMITTED.     ALL PINS WITH KINK, 3rd & 4th POSTION OMITTED     ALL PINS WITH KINK, 5th & 6th POSITION OMITTED     5th, 18th POSITION OMITTED.     30th POSITION OMITTED.     30th POSITION OMITTED.     2nd, 11th, 12th & 28th POSITION OMITTED.     2nd & 16th POSITION OMITTED.     2nd & 3rd POSITION OMITTED.     2nd & 14th POSITION OMITTED.     2nd & 14th POSITION OMITTED.
T5 T6	2nd 11th 12th & 28th POSITION OMITTED
17	8th & 16th POSITION OMITTED.
Ť8	2nd & 3rd POSITION OMITTED.
T7 T8 T9	Joth POSITION OMITTED. Znd, 11th, 12th & 28th POSITION OMITTED. 8th & 16th POSITION OMITTED. 2nd & 3rd POSITION OMITTED. 2nd & 14th POSITION OMITTED.
	2nd, 7th & 17th POSITION OMITTED. 12th POSITION OMITTED. 4th, 14th & 19th POSITION OMITTED. 4th, 2th POSITION OMITTED. 7th, 8th & 18th POSITION OMITTED. 7th, 8th & 18th POSITION OMITTED. 18th POSITION OMITTED.
L0 L1 L2	12th POSITION OMITTED
12	4th.14th & 19th POSITION OMITTED.
L3	4th & 7th POSITION OMITTED
L4 L5 L6	7th, 8th & 18th POSITION OMITTED.
L5	18th POSITION OMITTED.
L6	14th POSITION OMITTED.
L/	Sth & 6th POSITION OMITTED. 2nd & 4th POSITION OMITTED.
L8 L9	11th, 17th, 18th & 19th POSITION OMITTED.
L9	4th & 7th POSITION OMITTED     7th, 8th & 18th POSITION OMITTED.     18th POSITION OMITTED.     14th POSITION OMITTED.     14th POSITION OMITTED.     2nd & 4th POSITION OMITTED.     11th, 17th, 18th & 19th POSITION OMITTED.     13th & 14th POSITION OMITTED.     13th & 14th POSITION OMITTED.
CODE	DESCRIPTION
UQ	13th & 14th POSITION OMITTED.
U1 U2 U3	3rd & 5th POSITION OMITTED
<u>U2</u>	17th POSITION OMITTED.
03	
	13th POSITION OMITTED
U4	13th POSITION OMITTED.
U4 U5	13th POSITION OMITTED 6th, 7th & 10th POSITION OMITTED. 1st & 24th POSITION OMITTED.
U4 U5 U6 U7	13th POSITION OMITTED.   6th, 7th & 10th POSITION   1st & 24th POSITION   1st & 24th POSITION   16th, 17th, 18th   24th POSITION OMITTED.
U4 U5 U6 U7	13th POSITION OMITTED 6th, 7th & 10th POSITION OMITTED. 1st & 24th POSITION OMITTED. 16th, 17th, 18th & 24th POSITION OMITTED. 3rd, 4th, 29th & 32nd POSITION OMITTED.
U4 U5	13th POSITION AND THED.   13th POSITION OMITTED.   6th, 7th & 10th   7th & 10th POSITION   16th, 17th, 18th   & 24th POSITION OMITTED.   16th, 17th, 18th   & 24th POSITION OMITTED.   3rd, 4th, 29th   3rd, 4th, 29th   11th & 18th POSITION
U4 U5 U6 U7 U8 U9	DESCRIPTION DESCRIPTION 13th & 14th POSITION OMITTED. 3rd & 5th POSITION OMITTED 17th POSITION OMITTED. 10th POSITION AND 14th POSITION OMITTED. 13th POSITION OMITTED. 6th, 7th & 10th POSITION OMITTED. 15th & 24th POSITION OMITTED. 16th, 17th, 18th & 24th POSITION OMITTED. 3rd, 4th, 29th & 32nd POSITION OMITTED. 11th & 18th POSITION OMITTED.
U4 U5 U6 U7 U8 U9	13th POSITION OMITTED.   6th, 7th & 10th POSITION OMITTED.   6th, 17th, 18th & 24th POSITION OMITTED.   16th, 17th, 18th & 24th POSITION OMITTED.   16th, 17th, 18th & 24th POSITION OMITTED.   16th, 17th, 18th & 21th POSITION OMITTED.   3rd, 4th, 29th POSITION OMITTED.   11th & 18th POSITION OMITTED.   3rd, 25th & 26th POSITION OMITTED.
U4 U5 U6 U7 U8 U9	13th POSITION AND TED.   13th POSITION OMITTED.   6th, 7th & 10th POSITION   15t & 24th POSITION OMITTED.   16th, 17th, 18th & 24th   3rd, 4th, 29th & 23th   1th & 18th POSITION OMITTED.   1th & 18th POSITION OMITTED.   1th & 18th POSITION OMITTED.   3rd, 25th & 26th POSITION   3rd, 25th & 26th POSITION   7th, 8th POSITION OMITTED.
U4 U5 U6 U7 U8 U9	13th POSITION OMITTED:   6th, 7th & 10th POSITION OMITTED.   fst & 24th POSITION OMITTED.   f6th, 17th, 18th & 24th POSITION   f6th, 17th, 18th & 24th POSITION OMITTED.   f6th, 17th, 18th & 24th POSITION OMITTED.   f6th, 17th, 28th 25cd 4th   Jrd, 4th, 29th POSITION OMITTED.   3rd, 25th 26th POSITION OMITTED.   3rd, 25th 26th POSITION OMITTED.   7th, 8th POSITION OMITTED.   7th, 8th POSITION OMITTED.   7th, 8th POSITION OMITTED.
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 F4	13th POSITION AMITTED.   13th POSITION OMITTED.   6th, 7th & 10th   7th 18th & 24th   7th 18th POSITION   11th & 18th POSITION   11th & 18th POSITION   7th 8th POSITION
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 F4	13th POSITION AND FIGURATED.   13th POSITION OMITTED.   6th, 7th & 10th POSITION   15t & 24th POSITION OMITTED.   16th, 17th, 18th & 24th   3rd, 4th, 29th & 23th   1th & 18th POSITION OMITTED.   3rd, 4th, 29th & 23th   1th & 18th POSITION OMITTED.   3rd, 25th & 26th POSITION   3rd, 25th & 26th POSITION   3rd, 25th & 26th POSITION   7th, 8th POSITION OMITTED.   7th, 8th POSITION OMITTED.   7th, 8th POSITION OMITTED.   7th, 15th, 15th POSITION   3th 15th POSITION OMITTED.   27th POSITION OMITTED.
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 F4	13th   POSITION   AMTTED.     13th   POSITION   AMTTED.     6th,   7th   & Toth     7st   & 24th   POSITION   OMITTED.     16th,   17th,   18th   & 24th   POSITION   OMITTED.     16th,   17th,   18th   & 27ch   POSITION   OMITTED.     16th,   17th,   28th   POSITION   OMITTED.     3rd,   4th,   29th   POSITION   OMITTED.     3rd,   4th,   29th   POSITION   OMITTED.     3rd,   5th,   26th   POSITION   OMITTED.     3rd,   5th   POSITION   OMITTED.   Th.     3th,   16th   6th,   23rd & 24th   POS.   OMITTED.     7th,   8th   15th   POSITION   OMITTED.   27th   POSITION   OMITTED.     21th   POSITION   OMITTED.   27th   POSITION   OMITTED.     21th   POSITION   OMITTED.   21th   POSITION   OMITTED.     21th   POSITION   OMITTED.
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 E4 E5 E6	13th POSITION OMITTED.     13th POSITION OMITTED.     6th, 7th & 10th POSITION OMITTED.     15t & 24th POSITION OMITTED.     16th, 17th, 18th & 24th POSITION OMITTED.     3rd, 4th, 29th & 27nd POSITION OMITTED.     3rd, 25th & 26th POSITION OMITTED.     7th, 8th POSITION OMITTED.     7th POSITION OMITTED.     13th, 14th & 15th POSITION OMITTED.     7th, 8th, 15th & 16th, POS.
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 E4 E5 E6	13th POSITION OMITTED.   6th. 7th & 10th POSITION OMITTED.   6th. 7th. 18th & 24th POSITION OMITTED.   16th. 17th. 18th & 24th POSITION OMITTED.   16th. 17th. 18th & 24th POSITION OMITTED.   3rd. 4th. 28th POSITION OMITTED.   3rd. 18th POSITION OMITTED.   3rd. 25th & 26th POSITION OMITTED.   7th. 8th POSITION OMITTED.   7th. 8th POSITION OMITTED.   7th. 8th 15th POSITION OMITTED.   7th. 8th 15th POSITION OMITTED.   7th. 8th 15th POSITION OMITTED.   13th. 14th & 15th POSITION OMITTED.   13th. 15th 4th POSITION OMITTED.   13th. 15th 4th POSITION OMITTED.   14th. 15th POSITION OMITTED.   15th. 16th POS OMITTED.   15th. 16th POS OMITT
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 F4	13th POSITION OMITTED.     13th POSITION OMITTED.     6th, 7th & 10th POSITION OMITTED.     15t & 24th POSITION OMITTED.     16th, 17th, 18th & 24th POSITION OMITTED.     3rd, 4th, 29th & 32nd POSITION OMITTED.     11th & 18th POSITION OMITTED.     3rd, 4th, 29th & 32nd POSITION OMITTED.     11th & 18th POSITION OMITTED.     3rd, 4th, 29th & 27nd POSITION OMITTED.     11th & 18th POSITION OMITTED.     7th, 8th & 10th POSITION OMITTED.     7th, 8th, 15th, 16th, 25rd & 24th POS. OMITTED.     7th POSITION OMITTED.     13th, 14th & 15th POSITION OMITTED.     7th, 8th, 15th, 16th, 25rd & 24th POS. OMITTED.     7th, 8th, 5th POSITION OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 16th POS. OMITTED.
U4 U5 U7 U7 U8 U9 E0 E1 E2 E3 E4 E5 E6 E7 E8 E9	Jrd. 25th & 26th POSITION OMITTED.   Jth. 8th & 10th POSITION OMITTED.   Jth. 8th POSITION OMITTED.   Jth. 15th. 16th. 16th. 23rd & 24th POS. OMITTED.   Jth. 14th & 15th POSITION OMITTED.   27th POSITION OMITTED.   15th. 14th & 15th POSITION OMITTED.   15th. 15th & 16th POS. OMITTED.   15th. 15th & 16th POS. OMITTED.   15th. 14th & 16th POS. OMITTED.   13th. 14th & 16th POS. OMITTED.
U4 U5 U6 U7 U9 E0 E1 E2 E3 E4 E3 E4 E5 E6 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E7 E8 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7	3rd, 25th & 26th POSITION OMITTED.   7th, 8th & 10th POSITION OMITTED.   7th, 8th, 55th, 16th, 23rd & 24th POS. OMITTED.   7th, 8th, 15th, 16th, 23rd & 24th POS. OMITTED.   7th, 8th, 15th, 16th, POSITION OMITTED.   7th, 8th, 15th & 15th POSITION OMITTED.   7th, 8th, 15th & 15th POS. OMITTED.   7th, 8th, 15th & 15th POS. OMITTED.   7th, 8th, 15th & 16th POS. OMITTED.   7th, 8th, 15th & 16th POS. OMITTED.   7th, 8th, 15th & 16th POS. OMITTED.   7th, 8th, 16th & 16th POS. OMITTED.   7th, 8th, 16th POS. OMITTED.
U4 U5 U6 U7 U9 E0 E1 E2 E3 E4 E5 E4 E5 E6 E7 E8 E9 IR B0	3rd, 25th & 26th POSITION OMITTED.   7th, 8th & 10th POSITION OMITTED.   7th, 8th, 55th, 16th, 23rd & 24th POS. OMITTED.   7th, 8th, 15th, 16th, 23rd & 24th POS. OMITTED.   7th, 8th, 15th, 16th, POSITION OMITTED.   27th POSITION OMITTED.   1st, 14th & 15th POSITION OMITTED.   7th, 8th, 15th & 16th POS. OMITTED.   7th, 8th, 15th & 16th POS. OMITTED.   1st, 11th 2th & 16th POS. OMITTED.   1st, 4th & 16th POS. OMITTED.   1st, 4th & 16th POS. OMITTED.   1st, 14th & 16th POS. OMITTED.   1st, 14th & 16th POS. OMITTED.   1st, 14th & 16th POS. OMITTED.
U4 U5 U6 U7 U9 E0 E1 E2 E3 E4 E5 E4 E5 E6 E7 E8 E9 IR B0	3rd, 25th & 26th POSITION OMITTED.   7th, 8th & 10th POSITION OMITTED.   7th, 8th, 55th, 16th, 23rd & 24th POS. OMITTED.   7th, 8th, 15th, 16th, 23rd & 24th POS. OMITTED.   7th, 8th, 15th, 16th, POSITION OMITTED.   7th, 8th, 15th & 15th POSITION OMITTED.   7th, 8th, 15th & 15th POS. OMITTED.   7th, 8th, 15th & 15th POS. OMITTED.   7th, 8th, 15th & 16th POS. OMITTED.   7th, 8th, 15th & 16th POS. OMITTED.   7th, 8th, 15th & 16th POS. OMITTED.   7th, 8th, 16th & 16th POS. OMITTED.   7th, 8th, 16th POS. OMITTED.
U4 U5 U6 U7 U9 E0 E1 E2 E3 E4 E3 E4 E5 E6 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E7 E8 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7	3rd, 25th & 26th POSITION OMITTED.     7th, 8th & 10th POSITION OMITTED.     7th, 8th POSITION OMITTED.     7th, 8th 15th, 16th 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     27th POSITION OMITTED.     15th, 14th & 15th POSITION OMITTED.     15th, 14th & 15th POSITION OMITTED.     15th, 14th & 15th POSITION OMITTED.     15th, 15th & 16th POS. OMITTED.     15th, 15th & 16th POS. OMITTED.     13th, 14th & 20th POSITION OMITTED.     3rd, 4th, 17th, 19th & 20th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.
U4 U5 U6 U7 U9 E0 E1 E2 E3 E4 E5 E4 E5 E6 E7 E8 E9 IR B0	3rd, 25th & 26th POSITION OMITTED.     7th, 8th & 10th POSITION OMITTED.     7th, 8th POSITION OMITTED.     7th, 16th, 15th, 16th, 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     13th, 14th, 15th, 16th, 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 16th POS. OMITTED.     3rd, 4th, 17th, 19th & 20th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.     2rth, 14th, 16th, & 23th POSITION OMITTED.
U4 U5 U5 U7 U7 U9 E0 E1 E2 E3 E4 E5 E4 E5 E6 E7 E8 E8 E7 E8 E7 E8 E8 E7 E8 E8 E7 E8 E8 E7 E8 E8 E7 E7 E8 E7 E7 E7 E8 E7 E7 E8 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7	3rd, 25th & 26th POSITION OMITTED.     7th, 8th & 10th POSITION OMITTED.     7th, 8th POSITION OMITTED.     7th, 16th, 15th, 16th, 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     13th, 14th, 15th, 16th, 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 16th POS. OMITTED.     3rd, 4th, 17th, 19th & 20th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.     2rth, 14th, 16th, & 23th POSITION OMITTED.
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 E4 E4 E5 E4 E5 E7 E8 E9 TR B0 B2 B8 B7 F1 F2	3rd, 25th & 26th POSITION OMITTED.     7th, 8th & 10th POSITION OMITTED.     7th, 8th POSITION OMITTED.     7th, 16th, 16th, 16th, 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     13th, 14th, 15th, 16th, 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 16th POS. OMITTED.     3rd, 4th, 17th, 19th & 20th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 E4 E5 E4 E7 E4 E5 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E8 E7 E7 E8 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7 E7	3rd, 25th & 26th POSITION OMITTED.     7th, 8th & 10th POSITION OMITTED.     7th, 8th POSITION OMITTED.     7th, 16th, 15th, 16th, 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     13th, 14th, 15th, 16th, 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 15th POS. OMITTED.     13th, 14th & 16th POS. OMITTED.     3rd, 4th, 17th, 19th & 20th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.     2rth, 14th, 16th, & 23th POSITION OMITTED.
U4 U5 U6 U7 U8 U9 E0 E1 E2 E3 E4 E4 E5 E4 E5 E7 E8 E9 TR B0 B2 B8 B7 F1 F2	3rd, 25th & 26th POSITION OMITTED.     7th, 8th & 10th POSITION OMITTED.     7th, 8th POSITION OMITTED.     7th, 8th 15th, 16th 23rd & 24th POS. OMITTED.     13th, 14th & 15th POSITION OMITTED.     27th POSITION OMITTED.     15th, 14th & 15th POSITION OMITTED.     15th, 14th & 15th POSITION OMITTED.     15th, 14th & 15th POSITION OMITTED.     15th, 15th & 16th POS. OMITTED.     15th, 15th & 16th POS. OMITTED.     13th, 14th & 20th POSITION OMITTED.     3rd, 4th, 17th, 19th & 20th POSITION OMITTED.     3rd, 14th, 16th, & 23th POSITION OMITTED.

3rd&6th POSITION OMITTED 3rd&6th POSITION OMITTED 3rd&4th POSITION OMITTED 11~14 POSITION PE PAPER COLOR IS GREEN 32850 F8 F9 Q1